

Title (en)

SILICONE CONTAINING POLYMERS FORMED FROM NON-REACTIVE SILICONE CONTAINING PREPOLYMERS

Title (de)

SILIKONHALTIGE POLYMERE AUS NICHT-REAKTIVEN SILIKONHALTIGEN PRÄPOLYMEREN

Title (fr)

POLYMÈRES CONTENANT DE LA SILICONE FORMÉS À PARTIR DE PRÉPOLYMÈRES NON RÉACTIFS CONTENANT DE LA SILICONE

Publication

**EP 1971376 A1 20080924 (EN)**

Application

**EP 06839389 A 20061215**

Priority

- US 2006047876 W 20061215
- US 75537105 P 20051230
- US 60864206 A 20061208

Abstract (en)

[origin: US2007155851A1] The present invention relates to polymer compositions formed from a reactive mixture comprising at least one substantially non-reactive prepolymer comprising silicone containing groups and compatibilizing groups and a hydrophilic component comprising at least one monomer capable of hydrogen bonding with said prepolymer.

IPC 8 full level

**A61L 27/52** (2006.01); **C08F 283/12** (2006.01); **G02B 1/04** (2006.01)

CPC (source: EP KR US)

**A61L 27/52** (2013.01 - KR); **C08F 8/00** (2013.01 - EP US); **C08F 226/00** (2013.01 - KR); **C08F 265/06** (2013.01 - EP US); **C08F 283/12** (2013.01 - KR); **C08L 83/10** (2013.01 - EP US); **G02B 1/04** (2013.01 - KR); **G02B 1/043** (2013.01 - EP US)

C-Set (source: EP US)

1. **C08F 8/00 + C08F 30/08**
2. **G02B 1/043 + C08L 83/04**
3. **G02B 1/043 + C08L 101/14**

Citation (search report)

See references of WO 2007078871A1

Designated contracting state (EPC)

DE FR GB IE IT

DOCDB simple family (publication)

**US 2007155851 A1 20070705**; AU 2006333014 A1 20070712; BR PI0620822 A2 20111122; CA 2635612 A1 20070712; EP 1971376 A1 20080924; EP 1971376 B1 20160720; JP 2009522403 A 20090611; KR 20080102365 A 20081125; RU 2008131301 A 20100210; WO 2007078871 A1 20070712

DOCDB simple family (application)

**US 60864206 A 20061208**; AU 2006333014 A 20061215; BR PI0620822 A 20061215; CA 2635612 A 20061215; EP 06839389 A 20061215; JP 2008548576 A 20061215; KR 20087018764 A 20080730; RU 2008131301 A 20061215; US 2006047876 W 20061215